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SOUTH GLOUCESTERSHIRE (M.O.H.)
JOINT COMMITTEE



ANNUAL REPORT
of the
Medical Officer of Health
for the Year 1962

Medical Officer of Health:
R. F. Barclay, M.B., B.S., D.P.H.

Districts:

Sodbury Rural District	Kingswood Urban District
Warmley Rural District	Mangotsfield Urban District

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SODBURY RURAL DISTRICT COUNCIL

Composition of District

Parishes of Acton Turville, Alderly, Badminton, Cold Ashton, Dodington, Doynton, Dyrham & Hinton, Frampton Cotterell, Filton, Horton, Hawkesbury, Iron Acton, Little Sodbury, Marshfield, Pucklechurch, Sodbury, Stoke Gifford, Tormarton, Westerleigh, Wick & Abson, Wickwar, Winterbourne, Yate.

Chairman of the Public Health Committee

Councillor H. ROGERS

WARMLEY RURAL DISTRICT COUNCIL

Composition of District

Parishes of Bitton, Hanham Abbots, Mangotsfield Rural, Oldland, Siston.

Chairman of the Public Health Committee

Miss D. L. BULL

KINGSWOOD URBAN DISTRICT COUNCIL

Composition of District

Wards Chiphouse, Chase, Park, Woodstock, Forest, Hanham.

Chairman of the Public Health Committee

Councillor K. S. Hicks, J.P.

MANGOTSFIELD URBAN DISTRICT COUNCIL

Composition of District

Wards Downend, Soundwell, Mangotsfield.

Chairman of the Housing and Health Committee

Councillor P. H. WALKER

PUBLIC HEALTH STAFF

Medical Officer of Health

R. F. BARCLAY, M.B., B.S., D.P.H.

The Medical Officer's duties are divided into two parts, 50% of each, one part comprising duties as District Medical Officer of Health to the four Districts named below, and for the other part he acts as Medical Officer to the Southern Area Committee of the Gloucestershire County Council Health Committee.

SODBURY RURAL DISTRICT

Public Health Inspectors J. H. E. Steele, M.A.P.H.I., CERT,R.S.H.,
CERT.I.P.H.E.
(Chief Public Health Inspector)

G. Fry, M.A.P.H.I.
(Senior Public Health Inspector)

A. T. Pepper

M. S. Steer, M.A.P.H.I., A.R.S.H.

WARMLEY RURAL DISTRICT

Public Health Inspectors L. J. Prosser, L.I.O.B., M.A.P.H.I., M.R.S.H.
N. R. Massey, M.R.S.H., C.S.I.

KINGSWOOD URBAN DISTRICT

Public Health Inspectors G. E. Curtis, F.A.P.H.I., M.R.S.H.
(Chief Health Inspector)

J. Gray, M.A.P.H.I., M.R.S.H.
(Deputy Health Inspector)

L. Harris,
(Student Health Inspector)

MANGOTSFIELD URBAN DISTRICT

Public Health Inspectors H. J. Bryant, M.A.P.H.I., M.R.S.H.
S. F. Williams
(Student Health Inspector)

SOUTH GLOUCESTERSHIRE JOINT (M.O.H.) COMMITTEE

Ladies and Gentlemen,

I have the honour to submit the Annual Report of the Medical Officer of Health for the year 1962.

Relevant comment on matters concerning the health of the area and the work of the departments of the four districts is to be found, as in previous years, in the text of the report.

Here, however, I am grateful for the opportunity to express once again my thanks to the staff, particularly the Public Health Inspectors for all their help and co-operation.

I am,

Your obedient servant,

R. F. BARCLAY,
Medical Officer of Health.

SOCIAL CONDITIONS AND GENERAL STATISTICS

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
AREA OF DISTRICT (acres)	69,128	8,843	1,530	1,553
POPULATION (Registrar General's mid-year estimate)	46,870	21,500	26,410	24,230
NUMBER OF INHABITED HOUSES (December Rate Books)	13,984	6,503	8,604	7,459
ESTIMATED NUMBER OF VOID HOUSES (31st December)	336	66	91	44
RATEABLE VALUE 31/12/62	£632,934	£226,200	£308,928	£293,247
SUM REPRESENTED BY A PENNY RATE (Year 1961/62)	£2,500	£862	£1,260	£1,194

ANALYSIS OF POPULATION CHANGES

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	TOTAL
A. TOTAL BIRTHS	966	483	633	414	2,496
B. TOTAL DEATHS	426	155	258	229	1,068
C. NATURAL INCREASE (Births minus deaths)	540	298	375	185	1,398
D. REGISTRAR GENERAL'S ESTIMATED INCREASES (D. - C.)	2,020	1,500	630	150	4,300
(+ = IMMIGRATION; - = EMIGRATION)	+1480	+1,202	+265	-35	+3,912

The increase in population has not been as great as last year (when the figure was 6,746). It will be seen that in Mangotsfield Urban District the population increase as estimated by the Registrar General does not quite equal the number of births (i.e. D. minus C.), and it would appear therefore, that there has been emigration on a very small scale from this district. In contrast, Sodbury Rural District is contributing an ever increasing share of the general population expansion, and this will probably become more marked as development in Yate continues.

The table below shows the birth and death rates per 1,000 population in each district. The figures have been corrected to permit comparison with each other and with other parts of the country, by the use of a comparability factor supplied by the Registrar General. This factor takes into account the age-sex distribution of the country as a whole, compared with that in the particular district.

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	England & Wales
RATES PER 1,000 HOME POPULATION					
Live Birth Rate	19.1	19.2	22.8	16.1	18.0
Death Rate	11.5	10.9	12.7	11.7	11.9

INFANT DEATHS

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	TOTAL
NUMBER OF DEATHS under 1 year of age	10	1	9	8	28
NUMBER OF ABOVE					
occurring under 4 weeks of age	6	1	7	5	19
occurring under 1 week of age	4	1	7	5	17

The number of infant deaths shows a reduction on last years figures (37 in 1961, 28 in 1962). It will be noticed that the majority again occurred during the first week of life (60%). Prematurity and congenital malformation were the commonest causes of death.

TABLE SHOWING INCIDENCE OF
NOTIFIABLE INFECTIOUS DISEASES

	Sodbury Rural District	Warmley Rural District	Kingswood Urban District	Mangotsfield Urban District	Totals
TYPHOID FEVER	1	—	—	—	1
PARATYPHOID	—	—	—	—	—
MENINGOCOCCAL INFECTION	—	—	—	—	—
SCARLET FEVER	14	2	3	10	29
WHOOPING COUGH	6	8	8	4	26
DIPHThERIA	—	—	—	—	—
ERYSIPELAS	3	—	—	1	4
SMALLPOX	—	—	—	—	—
MEASLES	15	22	201	182	420
PNEUMONIA	3	2	—	—	5
ACUTE POLIOMYELITIS (including <i>Polioencephalitis</i>)					
Paralytic	—	—	—	—	—
Non-Paralytic	—	—	—	—	—
FOOD POISONING	4	—	—	—	4
PUERPERAL PYREXIA	3	—	2	2	7
DYSENTERY	5	—	—	12	17
OPHTHALMIA- NEONATORUM	—	—	—	—	—
ENCEPHALITIS (infective)	—	—	—	—	—

The notification of a case of typhoid fever in Sodbury Rural District demands some comments. It became obvious at the outset of enquiries that the infection had not been contracted in this country. The patient had taken ill whilst attending an educational establishment in Spain, where the treatment of her symptoms had been somewhat inadequate. As a consequence she was still far from well on her return home, but owing to the foresight of her doctor to whom she went for a "further supply of tablets!" hospital admission was arranged, and the suspected diagnosis confirmed. She had however been in contact with members of her household for some days prior to this, and it was very necessary to ensure that no-one else had become infected.

Supervision continued until a series of laboratory investigations both from the patient and her contacts, had proved negative.

1962 was not an epidemic year for measles, but Kingswood and Mangotsfield bore the brunt of a comparatively small outbreak.

Of the 17 notified cases of Dysentery—nine occurred in a residential children's home administered by a neighbouring authority. The remainder were accounted for by small family outbreaks and isolated cases.

TABLE SHOWING PRINCIPAL CAUSES OF DEATH 1962

CAUSE OF DEATH			TOTAL				
			Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.	Total
1.	Tuberculosis, respiratory	...	1	1	—	—	2
2.	Tuberculosis, other	...	1	—	—	—	1
3.	Syphilitic disease	...	1	1	1	—	3
4.	Diphtheria	...	—	—	—	—	—
5.	Whooping Cough	...	—	—	—	—	—
6.	Meningo-coccal infections	...	—	1	—	—	1
7.	Acute Poliomyelitis	...	—	—	—	—	—
8.	Measles	...	—	—	—	—	—
9.	Other infective and parasitic diseases	...	—	1	—	1	2
10.	Malignant neoplasm, stomach		13	5	7	8	33
11.	Malignant neoplasm lung, bronchus	...	22	7	18	10	57
12.	Malignant neoplasm, breast	...	4	1	5	8	18
13.	Malignant neoplasm, uterus	...	3	1	2	1	7
14.	Other malignant and lymphatic neoplasms	...	42	8	19	16	85
15.	Leukaemia, aleukaemia	...	1	1	—	1	3
16.	Diabetes	...	3	1	1	1	6
17.	Vascular lesions of nervous system	...	60	24	38	32	154
18.	Coronary disease, angina	...	85	41	45	51	222
19.	Hypertension with heart disease		7	2	4	3	16
20.	Other heart diseases	...	48	16	35	23	122
21.	Other circulatory disease	...	20	4	17	13	54
22.	Influenza	...	6	—	—	3	9
23.	Pneumonia	...	17	4	14	10	45
24.	Bronchitis	...	21	11	12	13	57
25.	Other diseases of respiratory system	...	6	—	3	1	10
26.	Ulcer of stomach & duodenum		2	1	1	1	5
27.	Gastritis, enteritis & diarrhoea		2	1	2	2	7
28.	Nephritis and nephrosis	...	2	—	4	2	8
29.	Hyperplasia and prostrate	...	5	1	1	1	8
30.	Pregnancy, childbirth, abortion		—	—	1	—	1
31.	Congenital malformations	...	7	3	5	4	19
32.	Other defined and ill-defined diseases	...	30	15	18	17	80
33.	Motor vehicle accidents	...	11	2	3	3	19
34.	All other accidents	...	3	1	2	4	10
35.	Suicide	...	4	1	—	—	5
36.	Homicide & operations of war		—	—	—	—	—
TOTAL			426	155	258	229	1068

It is significant that approximately 86% of the deaths occurring in the combined districts were due to five causes only—Cancer, Coronary Thrombosis and Heart disease each accounted for approximately 20%; stroke and respiratory disease contributed 14% and 12% respectively.

The proportions due to lung cancer and coronary thrombosis continue to increase. The figures for this year are up by 1% in each case. Of 222 deaths from coronary thrombosis, 146 occurred in men; of 57 lung cancer deaths, 51 were in men.

It is tragic to comment that 29 deaths were accidental, 19 of them due to road accidents.

ANNUAL RETURN OF FOOD POISONING 1962

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
Notifications Received	2	—	—	—
Cases otherwise ascertained	1	—	—	—
Symptomless Excretors	—	—	—	—
Fatal Cases	—	—	—	—
OUTBREAKS DUE TO IDENTIFIED AGENTS				
Total Outbreaks	1	—	—	—
Total Cases				
(a) Chemical Poisons	—	—	—	—
(b) Salmonella Organisms	3	—	—	—
(c) Staphylococci	—	—	—	—
(d) Cl. Botulinum	—	—	—	—
(e) Cl. Welchii	—	—	—	—
(f) Other bacteria	—	—	—	—
OUTBREAKS OF UNDISCOVERED CAUSE				
Total Outbreaks	—	—	—	—
Total Cases	—	—	—	—
SINGLE CASES				
Agent Identified	1	—	—	—
Unknown Causes	—	—	—	—
Salmonella not food borne	—	—	—	—
TOTAL	1	—	—	—

TRANSFERS INTO AREA DURING 1962

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
RESPIRATORY				
Male	6	5	1	2
Female	3	6	1	2
NON-RESPIRATORY				
Male	—	1	—	—
Female	—	—	—	1
TOTAL	9	12	2	5

NUMBER ON T.B. REGISTER 31.12.62.

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
RESPIRATORY				
Male	155	51	122	77
Female	130	63	84	85
NON-RESPIRATORY				
Male	35	12	11	8
Female	38	12	10	18
TOTAL	358	138	227	188

The total number of cases on the T.B. registers of the South Gloucestershire areas is therefore 911 and on this basis the incidence is just over seven per thousand.

VACCINATION

(summarized from figures supplied by the County Medical Officer of Health)

		Sodbury R.D.		Warmley R.D.		Kingswood U.D.		Mangotsfield U.D.	
		Under 5 yrs.	5-14 yrs.	Under 5 yrs.	5-14 yrs.	Under 5 yrs.	5-14 yrs.	Under 5 yrs.	5-14 yrs.
VACCINATION									
1962	...	...	...	...	...	1331	1803	645	651
1961	..	...	...	...	...	490	52	213	21
RE-VACCINATION									
1962	...	...	...	...	...	31	179	3	42
1961	...	...	...	...	...	2	42	1	4

From the above table it will be seen how very considerable was the increase in the number of vaccinations carried out during 1962. Moreover, it should be borne in mind that these figures only relate to children up to 14 years of age, and there were large numbers of adults vaccinated whose records are not held by the County Health Department. This marked demand for smallpox immunisation was of course stimulated by the occurrence of cases of the disease in other parts of the country, with which residents in South Gloucestershire often had frequent and close contact. These circumstances also led to a need for the surveillance and vaccination of quite a number of definite smallpox contacts. In addition, several cases of suspicious illness were referred for the opinion of the area smallpox consultant. Fortunately no cases occurred in this area, but this was indeed a very harrassing time for health departments.

The table below compares in each district the number of vaccinations carried out in infants of one year old or less. (Although in any such comparison, some children will have been born towards the end of the year concerned — too late to have their vaccinations recorded in the same year — this fallacy will be counteracted to some extent by the fact that the number of vaccinations recorded in any year will include some which were carried out on infants born the previous year).

NUMBER OF PRIMARY VACCINATIONS CARRIED OUT IN INFANTS UNDER ONE YEAR
COMPARED WITH THE ANNUAL NUMBER OF BIRTHS (1962).

Area	No. of Births	Vaccinations Primary	% age
SODBURY R.D.C.	966	647	67%
WARMLEY R.D.C.	483	297	61%
KINGSWOOD U.D.C.	633	402	63%
MANGOTSFIELD U.D.C.	414	170	41%

These 1962 figures show a considerable improvement on those for previous years — again owing to the occurrence of smallpox in this country during the early part of the year — It is difficult to justify the adverse comment on poor immunisation rates which has been such a regular feature of this page for so many years! Since officially advice is still to vaccinate in infancy, it is hoped that the memory of the 1962 outbreak will linger long in the memory and persuade parents that vaccination against smallpox must not be omitted from the extensive programme of immunisation with which they are confronted today.

MASS RADIOGRAPHY SERVICE

During the course of the year, public sessions were held at thirteen different sites.

Soundwell
Warmley
Hanham
Longwell Green
Staple Hill
Filton (2 sites)
Cadbury Heath
Yate (2 sites)
Chipping Sodbury
Frampton Cotterell
Winterbourne

In addition, X-ray units visited thirteen industrial sites, factories, etc., in the South Gloucestershire area.

At all these sessions close on 12,000 people attended for X-ray (not all of them were South Gloucestershire residents), and significant findings were obtained in 55 individuals. The latter included 18 cases of Tuberculosis (50% of whom required treatment), and one case of lung cancer. In addition, significant findings were obtained in 78 people, all South Gloucestershire residents, who attended X-ray sessions *other* than those already mentioned, and who were recalled to the Bristol static unit for large films. These included 11 cases of tuberculosis (five requiring treatment), and five of lung cancer. On the basis that 1 person in 50 attending the Mass X-ray Unit is recalled in this way, some 3,900 South Gloucestershire people must have had miniature films taken, in addition to the 12,000 already mentioned.

The following tables are submitted by the instructions of the Ministry of Labour and National Service as required by Section 128(3) of the Factories Act, 1937 Part I & VIII.

SODBURY R.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	2	5	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	95	92	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	12	14	—	—
TOTAL	109	111	—	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	Referred To H.M. Inspector	By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	2	2	—	2	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)	—	—	—	—	—
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	1	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	3	3	—	3	—

OUTWORK (Section 110 and 111)

Nature of work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Carding of buttons, etc.	38	—	—	—	—	—
TOTAL	38	—	—	—	—	—

WARMLEY R.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	2	4	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	55	42	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	5	5	—	—
TOTAL	62	51	2	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	Referred To H.M. Inspector	By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	3	1	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	3	1	—	—	—

OUTWORK (Section 110 and 111)

Nature of work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel, Making, etc.	3	—	—	—	—	—
TOTAL	3	—	—	—	—	—

KINGSWOOD U.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	2	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	76	22	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	18	18	—	—
TOTAL	96	40	—	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	Referred To H.M. Inspector	By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)	—	—	—	—	—
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	—	—	—	—	—

OUTWORK (Section 110 and 111)

Nature of work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
NIL						

MANGOTSFIELD U.D.C.

(1) Inspections for the purpose of provision as to health (including inspections made by the Public Health Inspector).

Premises	No. on Register	Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	12	8	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	42	10	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	3	1	—	—
TOTAL	57	19	—	—

(2) CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of cases in which defects were found				
	Found	Remedies	Referred To H.M. Inspector	By H.M. Inspector	No. of cases prosecuted
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	1	1	—	—	—

OUTWORK (Section 110 and 111)

Nature of work	No. of out-workers in August list required by section 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of Prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel, Making, etc.	2	—	—	—	—	—
TOTAL	2	—	—	—	—	—

WATER SUPPLIES

SOUTH GLOUCESTERSHIRE AREA

The statutory water supplier for the area is the Bristol Waterworks Company, save in the Parish of Hawkesbury where the supply is controlled by the Sodbury Rural District Council, and in the Hencliffe Woods, Hanham Mills area, where the responsible authority is the Warmley Rural District Council.

Last year the latter did agree to transfer ownership to the Bristol Waterworks Co., but certain legal difficulties have arisen and these have delayed the actual take-over. It is hoped that the formalities will be completed in the near future.

NUMBER OF DOMESTIC SUPPLIES AND POPULATION SERVED

	Sodbury R.D.	Warmley R.D.	Kingswood U.D.	Mangotsfield U.D.
NO. OF DOMESTIC SUPPLIES				
Direct	13,101	6,523	8,583	7,472
Standpipe	16	1	—	—
POPULATION SERVED				
Direct	44,390 (approx)	21,980 (approx)	entire population	entire population
Standpipe	81	7	—	—

Bacteriological and chemical samples are taken at intervals throughout the district—from both public and private supplies.

Routine testing has revealed two unsatisfactory private supplies in Warmley Rural District. One of these has been closed, and water of a more satisfactory quality obtained from an alternative private source. It is hoped that the other case will be dealt with by mains extension.

With regard to mains supplies. Only the normal treatment, varying with the source, was necessary to combat any possible contamination.

No source is likely to give a plumbo-solvent water.

Results of the Bristol Waterworks chemical and bacteriological analysis of its sources of supply, both before and after treatment are shown in the following table. (An example of a similar analysis of the Hawkesbury supply appears under that heading).

The company regrets that owing to administrative changes it is not possible to provide this information on a parish basis.

WATER SUPPLIES IN THE RURAL DISTRICT COUNCILS OF SODBURY AND WARMLEY AND THE URBAN DISTRICT COUNCILS OF MANGOTSFIELD AND KINGSWOOD.

SUMMARY OF RESULTS OF ANALYSES MADE BY BRISTOL WATERWORKS COMPANY IN 1962.

(In each case the figures given are the average of the results obtained during the year)

	(A) ALDERLEY SOURCE		(B) SHIPTON MOYNE SOURCE		(C) FRAMPTON COTTERELL SOURCE		(D) WATER FROM STOWEY		(E) BRISTOL GENERAL SUPPLY	
	Untreated water	Treated water	Untreated water	Treated water	Untreated water	Treated water	Untreated water ex Lake	Treated water Stanton Wick	Untreated water at Barrow	Treated water at Lodge Hill
BACTERIOLOGICAL ANALYSES										
Number of samples	23	23	23	23	25	52	52	13	53	12
Colonies on Agar in 3 days at 20°C.	12.6	1.3	36	2.6	5.6	3.7	439	54	235	3.8
Colonies on Agar in 2 days at 37°C.	8.5	2.6	4.3	3.3	3.9	5.3	54	41	37	6.1
Most probable number of typical faecal B. Coli per 100 mls.	7.8	—	6.0	0.26	0.12	1.29	197	—	126	—
Most probable number of pre- sumptive B.Coli per 100 mls.	7.8	—	6.2	0.26	2.24	1.29	210	—	135	—
CHEMICAL ANALYSES (results in p.p.m.)										
Number of samples	12	12	12	12	12	12	52	52	1	1
Colour (Burgess)	—	—	—	2.3	0.3	0.3	8	8	3	3
Total Solids	429	429	410	410	483	483	201	201	210	210
Chlorides as Chlorine	21.5	21.5	48.8	48.8	36.7	36.7	17.0	17.0	15.0	15.0
Nitarates as N	1.65	1.65	0.49	0.49	0.41	0.41	0.87	0.87	0.96	0.96
Nitrites as N	—	—	0.06	0.06	0.03	0.03	0.007	0.007	0.05	0.05
Saline Ammonia	0.004	0.004	0.127	0.127	0.126	0.126	0.126	0.126	0.072	0.072
Albuminoid Ammonia	0.010	0.010	0.018	0.018	0.018	0.018	0.102	0.102	0.040	0.040
Permanganate Oxygen	0.11	0.11	0.18	0.18	0.17	0.17	1.05	1.05	0.60	0.60
Total Hardness	335	335	234	234	253	253	129	129	166	166
Permanent Hardness	66	66	33	33	37	37	54	54	42	42
Alkalinity as CaCO ₃	289	289	259	259	315	315	94	94	140	140
pH	7.18	7.18	7.5	7.5	7.77	7.77	8.14	8.14	7.6	7.6

As far as the various councils are concerned they would derive the water from one or more of the above sources as stated below.

SODBURY R.D.C.	...	...	A. B. or C.
WARMLEY R.D.C.	...	...	D.
MANGOTSFIELD U.D.C.	...	...	All except source A.
KINGSWOOD U.D.C.	...	...	Mainly D. and E. but possibly some from B. and C.

MAINS LAID DURING 1962 (IN YARDS)

AUTHORITY/PARISH	3"	4"	6"	9"	15"
KINGSWOOD U.D.	1,205	646	393	—	—
MANGOTSFIELD U.D.	134	14	—	—	—
SODBURY R.D.					
Chipping Sodbury	95	—	—	—	—
Frampton Cotterell	313	573	—	—	—
Filton	—	—	—	12	965
Iron Acton	189	—	—	—	—
Pucklechurch	37	—	—	—	—
Stoke Gifford	116	—	—	—	—
Westerleigh	389	380	100	—	—
Wick & Abson	258	1,395	—	—	—
Winterbourne	210	89	—	—	—
Yate	789	858	949	—	—
WARMLEY R.D.					
Bitton	—	119	—	—	—
Hanham Abbots	205	53	—	—	—
Mangotsfield Rural	396	28	—	—	—
Oldland	103	285	—	—	—
Syston	83	1	—	—	—
TOTALS	4,522	4,441	1,442	12	965

Note. Metered supplies have been excluded as these are generally for industrial and commercial use.

WATER SCHEMES

FRAMPTON END LANE, IRON ACTON

A scheme to lay 413 yards of 3" main from the B 4058 road along Frampton End Lane to Brake Farm on the south side of the River Frome has been approved and the order placed. The estimated cost is £1,365 and the main will serve two houses and one farm.

YATE LOWER COMMON

The Ministry of Housing and Local Government and the Gloucestershire County Council have approved the proposal to the laying of approximately 2,350 yards of 4" main from New Road in the Parish of Rangeworthy to Hall End, Wickwar, at an estimated cost of £5,055.

There has been some difficulty in obtaining an easement from the Transport Commission for this scheme which will supply six farms and five cottages.

ASHWICKE—PARISH OF MARSHFIELD

An order has been placed for the work on the amended scheme for the laying of 420 yards of 3" main and 1,467 yards of 4" main from the water tower at Marshfield terminating at a point in line with Ashwicke Grange Farm.

THE VALE PUCKLECHURCH

This is a proposed small extension, at an estimated cost of £910 from the main in Parkfield Road, Pucklechurch and will consist of 230 yards of 3" main to serve six houses.

BROAD LANE, YATE

An estimate is being obtained for the laying of a main to serve one business premises, two farms, seven private dwellings and one caravan in the part of Broad Lane, Yate, between the Railway Bridge and Goose Green.

The distance is at present uncertain as there is a main at each end of this section.

DYERS LANE, IRON ACTON

In 1960, a main was laid in Mission Lane and part of Dyers Lane, and this scheme is an extension of approximately 543 yards of 3" main estimated to cost £1,201 and will supply six properties.

GOLDEN VALLEY, BEACH AND UPTON CHEYNEY

The Warmley Rural District has this year under active consideration, plans to extend mains water supply to serve these areas.

HAWKESBURY WATER SUPPLY

1. Water (including new extensions of mains and reports on samples).

The Parish of Hawkesbury in the northern part of Sodbury Rural District Council is supplied by a small Council owned system from a pumping station which is situated at Kilcot Valley.

Only one breakdown has occurred during the year when a ball-bearing on the thrust race fractured, but this was replaced and the pumping resumed within twenty-four hours. The only interruptions to the supply affecting only a few consumers for a period of a few hours, were caused by a valve pin breaking in the ram pump and three minor burst on the main, which were all due to defective joints found on the weekly practice of surveying the mains, and were repaired promptly.

Regular maintenance and minor repairs effected from time to time has resulted in the pumping station working satisfactorily and has enabled a total of 31,816,550 gallons, a daily average of 87,168 gallons to be pumped during the past year which is less than 1% over the total for 1961.

The quarterly examinations of the machinery by a recognised firm of engineers and the insurance company have revealed no further items requiring attention and the routine flushing of all dead ends has been the only action necessary in respect of contamination in the mains.

Although samples of both raw and treated water have proved highly satisfactory, the result of one such analysis being shown overleaf, chlorination is carried out as a precautionary measure.

There has been six domestic and four metered connections during the year and one standpipe has been dispensed with. The total number of connections is now :—

Domestic Connections as at 31/12/62	...	208
Metered to farm etc., as at 31/12/62	...	67
Standpipes as at 31/12/62	...	16
Approximate Population as at 31/12/62	...	1,275

Sampling for bacteriological examination, both direct from the well and standpipes is done periodically, the result of one such analysis is shown hereunder :—

SAMPLE TAKEN FROM KILCOT PUMPING STATION
(RAW) WATER

Physical Characters: Clear, colourless, no odour, some particulate matter.

No charring or odour on igniting solids.

THIS SAMPLE CONTAINS						PARTS PER MILLION	
Total Dissolved Solids	...	...	...	...	310	Chemically Satisfactory	
Loss on ignition	...	...	...	...	22		
Mineral Matter	...	...	...	...	288		
Suspended Solids	...	..	...	...			
Alkalinity (as CaCO ₃)	...	...	...	...			
Total Hardness	...	...	...	...	268		
(a) permanent	...	...	...	...	58		
(b) temporary	...	...	...	...	210		
Chlorine (as Chloride)	...	...	...	...	15		
Free Ammonia	...	...	...	...	Nil		
Albuminoid Ammonia	...	...	...	...	Nil		
Nitrate Nitrogen	...	..	...	...	0.05		
Nitrite Nitrogen	...	...	...	...	Nil		
Oxygen absorbed from Permanganate (4 hrs. 27°C)							
Oxygen absorbed from hypochlorite (4 hrs. 27°C)							
Hypochlorite							
Ratio—————absorbtion							
Permanganate							
Fluorine	...	...	...	...	Nil		
Lead	...	...	...	...	Nil		
Copper	...	...	...	...	Nil		
Zinc	...	...	..	...	Nil		
Iron	...	...	...	...	Nil		
Residual Chlorine	..	...	...	...	Nil		

REPORT ON THE BACTERIOLOGICAL EXAMINATION

Colony Count after one day at 37°C.	...	...	...	1
Colinform bacilli, probable numbers per 100 ml.	...	...	...	—
Bact. Coli (type 1). Probable numbers per 100 ml.	...	...	...	—
Colony Count after three days at 22°C.	...	...	...	10

SODBURY RURAL DISTRICT COUNCIL

DRAINAGE & SEWERAGE

YATE/FRAMPTON COTTERELL LINK SEWER

This Sewer has been constructed as far as a point adjacent to St. Peter's Church, Frampton Cotterell, and it is proposed to extend it along the valley past Cog Mill and thence to Yate.

The existing sewerage system at Iron Acon will be connected and the pumping station will be discontinued.

Branch sewers will be made for property connections in the Mays Hill and North Road area also for the new development now taking place in Yate. The link sewer, when completed, will then enable the overloaded Nibley Sewerage Works to be closed.

The estimated cost of this scheme is approximately £300,000 and tenders for this connection will be invited at the beginning of 1963.

COLD ASHTON

The transfer to the Council of a private sewage disposal works at Cold Ashton has given the Council an opportunity to extend the system to serve a further 15 properties. This work has now been completed.

EXTENSIONS OF OLD SODBURY SEWERAGE SCHEME.

This extension to serve five dwellings at Old Sodbury has now been completed.

WATERY LANE, DOYNTON

The extension of the Sewer along Watery Lane to serve one farm and five cottages has now been completed.

SEWERAGE SCHEMES—GENERAL

The following sewerage schemes have been approved but not yet commenced.

- (a) Hawkesbury—this is being considered by the Gloucestershire County Council. The approximate cost £117,000.
- (b) Acton Turville—the scheme for the village of Acton Turville has been approved at an estimated cost of £20,000.

NORTH ROAD, YATE—SEWER EXTENSION

This scheme has been approved by the Gloucestershire County Council and has now been submitted to the Ministry of Housing and Local Government.

SODBURY RURAL DISTRICT COUNCIL

The following new schemes have been approved in principle, but details of design have still to be submitted.

Frenchay—estimated cost	...	...	£50,000
Hillesley—estimated cost	...	...	£42,000
Little Badminton—estimated cost	...	...	£5,000

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

The position has not changed regarding the number of premises licenced in the district to manufacture rag flock under the provisions of this Act.

The registered premises still remain at two and continue the business of upholstery using sterile flock. There was no cause for complaint or action by the authority during the year under consideration.

FOOD INSPECTION

FOODS CONDEMNED

Tinned Meats and Meat Products	...	242 cans	371lbs.
„ Milk and Milk Products	...	123 cans	44lbs.
„ Fruit and Fruit Juices	...	200 cans	292lbs.
„ Vegetables		209 cans	149lbs. 8ozs.
„ Fish		25 cans	6lbs. 8ozs.
„ Soup		86 cans	40lbs.
Dried Vegetables		55 pkts.	62lbs.
Cereals		6 sacks	672lbs.
Common Salt		1 sack	56lbs.
Plain Flour		2 sacks	140lbs.
Danish Butter		30 pkts.	15lbs.

TOTAL CONDEMNED 1,848lbs.

The bulk of this condemned food came from wholesale premises at Stover Road, Yate, where the goods are surrendered against the issue of appropriate notes and the various articles disposed of at the Councils tip where they are buried.

The standard of cleanliness in food premises in the area has been maintained throughout the district and co-operation with traders was such that it was not found necessary to take informal action or proceedings against any of them.

SALE OF ICE-CREAM

Registration of new premises in the area for the sale of pre-packed ice-cream, supplied from the depots of the larger wholesale companies, increased from 161 to 169 during the year and there were no deletions from the register.

The activities of the mobile salesmen were closely watched and no action for infringement of regulations was found necessary, however, at one stage the analyst's reports on several samples of cold mix ice-creams did give reason for concern. The matter was taken up with the firm concerned which operates from premises in the area of a neighbouring authority.

REGISTERED PREMISES

Sale of Ice-Cream	...	...	...	169
Manufacture of Ice-Cream	...	...	...	—
Fish Friers	...	...	...	5
Meat Products	...	...	...	21

MEAT INSPECTION

There are now five slaughterhouses operating within the District.

100% meat inspection was maintained.

Full co-operation with the Department of Preventive Medicine, Bristol University regarding queries, has continued.

The appended tables give details of the examination and inspection of carcasses, and percentages of meat condemned.

SODBURY RURAL DISTRICT COUNCIL

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	853	127	932	4564	5876	—
Number inspected	853	127	932	4564	5876	—
ALL DISEASES						
EXCEPT TUBERCULOSIS AND CYSTICERCII						
Whole carcasses condemned	—	2	4	10	2	—
Carcasses of which some part or Organ was condemned	43	19	3	10	140	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	5%	16.54%	.75%	.44%	2.42%	—
TUBERCULOSIS ONLY						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or Organ was condemned	—	—	—	—	41	—
Percentage of the number inspected affected with tuberculosis	—	—	—	—	.7%	—
CYSTICERCOSIS						
Carcasses of which some part or Organ was condemned	3	—	—	1	—	—
Carcasses submitted to treatment by refrigeration	3	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—
Total Number of animals killed	12,352					
MEAT CONDEMNED						
With Tuberculosis						410 lbs.
With Cysticercosis						62 lbs.
With other Diseases						2,971 lbs.
Total						3,443 lbs.

CARAVAN SITES

At the end of the year under review, eight sites were operating with accommodation for 261 caravans. In addition there are 46 single caravan sites in the district.

Much time was given to ensure that the sites were kept to the required standards, and in one instance it was necessary to take legal action against a site operator for failing to comply with the requirements of his licence.

Due to the ever increasing call for caravan dwellings, the Council plan to open a site at Stoke Gifford to accommodate 58 caravans.

HOUSING

UNFIT HOUSES

During the year a further 22 houses were dealt with. This makes a total of 223 under the Council's Unfit Houses Programme.

There are now 39 dwellings requiring attention, but this figure may well be reduced as the trend to purchase very old property, with a view to modernising, still persists. In fact, during the year nine properties were removed from the unfit houses list, for this reason.

The following table indicates the houses delt with during the year under review.

Parish					Number of Houses	
Iron Acton	..	...	...	...	1	
Wickwar	...	...	...	...	1	
Winterbourne	...	...	...	...	4	
Yate	...	..	...	...	7	
Pucklechurch	..	...	...	...	5	
Hawkesbury Upton		...	...	...	3	
Doynton	...	...	...	...	1	
TOTAL					22	

SUMMARY

Number of Houses in Clearance Areas where Orders Confirmed					...	...	...	...	...	...	...
Number of Houses subject to Demolition Orders										5	
Number of Houses subject to Closing Orders										14	
Number of Houses where Undertakings were accepted										2	
Number of Houses where owners submitted proposals accepted by the Council										1	
Number of Houses actually demolished during the year										7	
Number of families rehoused during the year from Unfit Houses subject of formal action										49	
Number of Houses in which Closing Orders have been substituted by Demolition Orders										4	

RENT ACT, 1957

Three applications for Certificates of Disrepair were received bringing the total number to 51 since the introduction of the Act.

REFUSE COLLECTION & DISPOSAL

COLLECTION

Following the delivery of the two compressor type vehicles, the refuse collection service in the parishes of Frampton Cotterell, Marshfield, Winterbourne, Yate and the Coalpit Heath portion of Westerleigh has been increased from a fortnightly to a weekly visit.

The remaining seven parishes where a monthly service was in operation are being re-organised to a fortnightly collection. This improvement began in December and will be completed by early January, 1963.

DISPOSAL

The disposal of household refuse is carried out by the controlled method using a power shovel.

One new disposal site was acquired at the old Hambrook Brickworks. This tip will serve Filton, Stoke Gifford and part of Winterbourne.

The Council have agreed to allow the Mangotsfield Urban and Thornbury Rural Districts use of this tip and negotiations are now in progress regarding this consent.

Tipping on the railway site at Filton is now almost complete.

A further tipping site is being obtained in a parcel of derelict land adjacent to the old Frog Lane Colliery, Westerleigh.

This area is designed to serve Chipping Sodbury, Yate and a portion of Frampton Cotterell and it is expected that the use of this site will commence in the early spring.

The tipping at Chipping Sodbury site was completed in December and the whole area is being covered with a foot of soil preparatory to it being returned to the owners.

SALVAGE

As a result of a slump in the waste paper trade the amount of paper collected and sent to the mills, suffered a sharp decline about mid year, but I am pleased to report that a gradual recovery is now taking place.

The amount of salvagable material collected and disposed of was as follows:—

Paper	...	...	...	...	251.5 tons
Scrap Iron	...	...	...	...	22.5 tons
Rags	...	...	...	...	16.5 cwts.

The amount realized from the sale of the material was £1,760.

SODBURY RURAL DISTRICT COUNCIL

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

	Local Authority (1)	Dwelling- houses including Council Houses (2)	All other including Business Premises (3)	Total of Cols. 1, 2, & 3. (4)	Agricultural (5)
Number of properties in Local Authority's District	62	14,320	1,336	15,718	738
Number of properties inspected as a result of :-					
(a) Notification	—	178	40	218	16
(b) Survey under the Act	24	152	32	208	25
(c) Otherwise (e.g. when visited primarily for some other purpose)	10	14	38	62	14
Total inspections carried out, including re-inspections	216	1,331	331	1,878	201
Number of properties inspected which were found to be infested by:					
(a) Rats—Minor	23	158	86	267	52
(b) Mice—Minor	4	76	34	117	—
Number of infested properties treated by the Local Authority	25	234	102	361	16
Total treatments carried out, including re-treatments	239	792	625	1,656	251
Number of "Block" control schemes carried out	2	—	—	—	—

Control of Rodents has been maintained by continual surveys, Private operators and self-treatments.

RODENT CONTROL

The *appended table* gives details of the work of the Council's Rodent Inspector/Operator during the year, together with relevant remarks regarding control of the pests.

The statistics have been compiled in the form required by the Ministry of Agriculture, Fisheries and Food.

SUMMARY OF PUBLIC HEALTH INSPECTOR'S VISITS, ETC.

Housing Act Inspections	...	...	...	422
Housing Act Re-inspections	...	...	...	344
Public Health Act Inspections	...	...	...	352
Public Health Act Re-inspections	...	...	...	543
Slaughterhouses	...	...	...	1,324
Dairies	...	...	...	3
Shops	...	...	...	288
Ice Cream Premises	...	...	...	54
Food Inspection	...	...	...	115
Restaurant Kitchens	...	...	...	132
Bakehouses	...	...	...	83
Drainage	...	...	...	337
Sewage Works	...	...	...	21
Moveable Dwellings	...	...	...	493
Storage of Petroleum	...	...	...	183
Factories	...	...	...	111
Mortuary	...	...	...	31
Infectious Disease	...	...	...	68
Disinfections	...	...	...	6
Disinfestations	...	...	...	4
Schools	...	...	...	3
Markets	...	...	...	1
Pet Animals Act	...	...	...	5
Places of Entertainment	...	...	...	1
Public Conveniences	...	...	...	384
Refuse Collection & Tips	...	...	...	482
Noise Abatement	...	...	...	14
Water Supply	...	...	...	601
Air Pollution	...	...	...	103
Outworkers	...	...	...	20
Samples of Rag Flock	...	...	...	2
Samples of Water	...	...	...	36
Samples of Cooked Meat	...	...	...	6
Samples of Milk	...	...	...	28
Samples of Ice Cream	...	...	...	4
Rodent Control Inspections	...	...	...	1,038
Rodent Control Re-inspections	...	...	...	1,041
Miscellaneous	...	...	...	346
TOTAL				9,029

WARMLEY RURAL DISTRICT COUNCIL

DRAINAGE, SEWERAGE AND SEWAGE DISPOSAL

SEWAGE DISPOSAL

Agreement has been reached with the City of Bristol to take the effluent from the existing sewage works at Conham, together with the sewage which will arise from further development in the area. This will link up with the provisions of a new trunk sewer, which will deal adequately with future development in a portion of Kingswood Urban District and the whole of Warmley District. The documents are being prepared by the Consultants.

SEWERS

A revised scheme for sewerage the North Common area has been submitted to the Minister. This will include a portion of Cann Lane and the North end of Popular Road, and cater for the development of "white land" in the North Common drainage area. The scheme will be of the gravitation type and, if accepted, will obviate the necessity for a sewage pumping station. The sewer extension in Whittucks Road area, Hanham, has been completed, and this has resulted in a further 23 properties being connected to the main sewer.

DRAINAGE, IMPROVEMENTS AND CONVERSIONS

During the year 14 properties were converted from the conservancy system to water carriage system of sanitation. Thirty nine properties, served either by bucket closets or a cesspool, were connected to the main sewer.

GENERAL SANITATION

During the year it was necessary to make complaint to the Petty Sessional Court following the failure of a local farmer to comply with the requirements of an Abatement Notice served on him by the Council. The nuisance arose from the discharge of foul matter from the farmyard, farm buildings and the cesspool serving the farmhouse. The Justices fined the defendant £3. 0. 0., and he was ordered to carry out necessary works. As a result, a small sewage disposal unit was constructed, and the position is now entirely satisfactory.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

Two premises are registered under the act for the use of filling materials, and the two are also licenced for the storage of rag flock. No manufacture of filling materials takes place at these premises, the materials being obtained elsewhere, conformed to the appropriate British Standard specification.

FOOD INSPECTION AND FOOD HYGIENE

The Council instituted legal proceedings, under section 2 of the Food and Drugs Act, 1955, against a multiple butchering concern who appeared to have delivered meat containing a cigarette end to a local school canteen. The Justices found the case proved and fined the defendant company £40. 0. 0. with 10 guineas costs.

In a further instance, a fresh frozen beetsteak pie was found to contain a "bluebottle". The manufacturing premises were situated in the Midlands, and, after hearing a report from the local public health officer, the Council decided not to institute legal proceedings in this case.

A comprehensive inspection of food premises in the district has been carried out, and standards generally were good. Contraventions have been dealt with by informal means and, as yet, it has not been necessary to institute legal proceedings.

Food condemned (all dairy products), during the course of the year amounted to 1,235 lbs.

REGISTERED PREMISES (SECTION 16 FOOD AND DRUGS ACT, 1955)

(a) For the manufacture and sale of sausages, cooked meats, etc.					
Butchers shops	...	...	...	...	5
Sale of cockles	...	...	...	...	1
(b) For sale of ice-cream ..					
	...	...	...	...	42

MEAT INSPECTION

There are two private slaughterhouses in the district, one having a considerable annual turnover. Difficulties have again been experienced as a result of long and irregular slaughtering hours, but a 100% meat inspection service has been maintained. It is understood that the government are to issue new regulations in connection with meat inspection, and it is hoped that these will remove many of the difficulties which have been experienced in the past.

WARMLEY DISTRICT COUNCIL

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle Steers or Heifers	Cows	Calves	Sheep and Lambs	Pigs	Goats
Number killed	3,731	663	1,015	23,410	23,899	—
Number inspected	3,731	663	1,015	23,410	23,899	—
ALL DISEASES						
EXCEPT TUBERCULOSIS AND CYSTICERCI						
Whole carcasses condemned	4	—	—	4	16	—
Carcasses of which some part or Organ was condemned	96	1	1	302	404	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	2.2	0.09	0.09	1.3	1.7	—
TUBERCULOSIS ONLY						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or Organ was condemned	10	—	—	—	44	—
Percentage of the number inspected affected with tuberculosis	0.2	—	—	—	0.18	—
CYSTICERCOSIS						
Carcasses of which some part or Organ was condemned	9	—	—	—	—	—
Carcasses submitted to treatment by refrigeration	9	—	—	—	—	—
Generalised and totally condemned	Nil	—	—	—	—	—

NUMBER OF CATTLE RECEIVED UNDER THE TUBERCULOSIS (Slaughter of Reactors) ORDER, 1950.
 Total number received 13. Number condemned (Part only) 10.

WARMLEY RURAL DISTRICT COUNCIL

HOUSING

CLEARANCE AREAS

Unfit houses dealt with by Clearance Orders	Nil
Unfit houses purchased by agreement	4

INDIVIDUAL UNFIT HOUSES

(a) Houses dealt with by demolition orders	1
(b) Houses closed in pursuance of an undertaking given by the owners under section 16 and still in force	3
(c) Part of buildings closed (section 18)	—
(d) Closing Orders made	3

PROPERTIES RENDERED FIT

Number of unfit or defective houses rendered fit during the year as a result of informal action by the local authority under the Public Health and Housing Acts	40
---	----

RENT ACT, 1957

One application for a certificate of disrepair was received, but the owner gave an undertaking to carry out the work thus making the issue of a disrepair certificate unnecessary

NEW HOUSES ERECTED

(a) Total number erected during the year—Council (of which five were for old people	44
Private Enterprise	272
Number of houses under construction but not completed at the end of year—Council	33
Private Enterprise	105
(b) New houses erected during year with state assist- ance under the Housing Act	—

IMPROVEMENT GRANTS

(a) *Discretionary Grants*

Number of applications received during the year	9
Number of applications approved during the year	8
Payments	£2.037

(b) *Standard Grants*

Number of applications received during the year	23
Number of applications approved	22
Payments	£3.644

The Housing Survey is in progress, and it is hoped that it will be possible to submit a report to the Council in June, 1963. Where houses are found to be defective and capable of modernisation, every effort is made to persuade the owners to take the advantage of improvements grants.

THE CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

Since the act first came into force in October, 1960, the Council have issued 29 licences and 7 refusals. There has been a noticeable improvement in the standard of sites, and no prosecutions have been necessary for site licence infringements.

The Council are actively considering the possibility of providing a local authority owned site.

PUBLIC CLEANSING

REFUSE COLLECTION

A weekly kerbside collection service has been maintained throughout the year, and alternative arrangements have been made over each bank holiday period. The principles of work study have been applied to the collection arrangements, and as a result efficiency and service have been immensely improved. A scheme, involving incentive bonus, has been laid before the Council, and, if adopted, should enable an off street collection to be made. It should also be possible to incorporate some form of street cleansing.

REFUSE DISPOSAL

Disposal is by means of controlled tipping at the Cowhorn Hill site. This tip is rapidly nearing the end of its life and the Council have been seeking alternative tipping sites. Planning applications have been made for consent to tip at the Claypits, Tower Road North, Warmley, and Bickley Woods, Hanham, but the results of these applications are not yet known. Mangotsfield U.D.C. no longer use the Cowhorn Hill site.

The existing tip has been maintained in a very satisfactory condition. It is regularly treated against vermin and insects, and the purchase of a more suitable tractor has brought about a general improvement in tip maintenance. There have been no complaints of nuisance from local residents. The Council, in conjunction with its two neighbouring urban authorities is still considering the possibility of installing a refuse treatment plant. Technical officers have been investigating the various methods available, viz. incineration, composting and pulverisation, and various firms have submitted tentative schemes, together with budget prices. It is hoped that the forthcoming year will see the satisfactory completion of these discussions, and that it will be possible to invite tenders for the chosen scheme. A preliminary application has been made to the Planning Authority in respect of a site for the plant at Carsons Road, Mangotsfield.

RODENT CONTROL AND PESTS

Rodent control has again progressed satisfactorily. The Council employs a full time rodent operator, and, in addition, the Public Cleansing Supervisor has been trained by the Ministry in rodent control duties. Business premises are charged for disinfestation treatments but no charge is made in respect of dwelling houses. Further contracts have been made with business concerns and these are having the desirable effect of ensuring regular inspection and treatment of properties which are susceptible to vermin infestation.

Warfarin, being a relatively safe rodenticide, is extensively used for rodent control operations, and it is interesting to note that, in spite of its widespread use, there has been no evidence of Warfarin resistance.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

	Local Authority (1)	Dwelling- houses including Council Houses (2)	All other including Business Premises (3)	Total of Cols. 1, 2 & 3. (4)	Agricultural (5)
Number of properties in Local Authority's District	4	6,569	264	6,837	100
Number of properties inspected as a result of :-					
(a) Notification	2	482	37	521	23
(b) Survey under the Act	—	—	—	—	—
(c) Otherwise (e.g. when visited primarily for some other purpose)	—	—	—	—	—
Total inspections carried out, including re- inspections	218	2,105	159	2,482	97
Number of properties inspected which were found to be infested by:					
(a) Rats—Minor	2	312	28	342	8
(b) Mice—Minor	—	6	1	7	—
Number of infested properties treated by the Local Authority	2	318	29	349	8
Total treatments carried out, including re- treatments	218	1,606	131	1,955	78

WARMLEY RURAL DISTRICT COUNCIL

SUMMARY OF PUBLIC HEALTH INSPECTOR'S VISITS, ETC.

Dwelling Houses (Public Health Act)	107
Dwelling Houses (Housing Act)	1,319
Improvement Grants	171
Refuse	224
Food Premises (Registered)	25
Food Premises (Unregistered)	33
Other shops	—
Bakehouses	1
Workplaces and Offices	1
Factories (Non-mechanical)	4
Factories (Mechanical)	42
Outworkers	—
National Assistance Act, 1948	6
Clean Air	18
Offensive Trades	6
Drainage	155
Tents, Vans and Sheds	57
Keeping of animals	5
Food inspection	26
Meat Inspection	973
Sites	2
Wates Supply	46
Infectious Diseases Enquiries	13
Miscellaneous Infectious Disease Visits	30
Food Sampling	1
Licensed Premises	—
Miscellaneous Sanitary Visits	215
Rodent Control	2,645
Disinfestation (other pests)	12
Meetings and Conferences	75
Health Education	4

SANITARY INSPECTION OF AREA.

Nuisances discovered or reported	74
Informal notices sent	20
Verbal notices	45
Statutory notices sent	11
Summonses issued	1

KINGSWOOD URBAN DISTRICT COUNCIL

DRAINAGE AND SEWERAGE

The trunk relief sewer was laid in New Cheltenham Road during the year, and has been designed to prevent recurrence of flooding in that area during times of heavy rain.

SWIMMING BATHS

Concern was shown over the failure of the chlorination plant at Warmley Baths. The Community Centre decided to close the Baths in view of the expense necessary to repair the equipment.

FOOD INSPECTION

Premises registered under Food & Drugs Act 1955 Section 16.	
Sale of ice-cream	96
Meat Products	20

ICE-CREAM.

Samples of ice-cream have been taken from itinerant vendors for bacteriological examination. All have proved satisfactory. Special attention has been directed to the state of the vehicles and operators and contraventions brought to the attention of the owners.

Special notice has been taken of the increased number of vans producing soft-freeze ice-cream whilst in transit.

(Several vendors have been warned about disregarding the Noise Abatement Act 1960 by sounding their bells after 7 p.m.)

FOOD PREMISES

Routine inspection of food premises continued during the year. Informal notices were served on occupiers following contraventions of the Food Hygiene Regulations.

Number of Food Premises	133
Number of inspections	147

KINGSWOOD URBAN DISTRICT COUNCIL.

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	480	6	—	835	—	—
Number inspected	480	6	—	835	—	—
ALL DISEASES						
EXCEPT TUBERCULOSIS AND CYSTICERCI						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or Organ was condemned	7	2	—	—	—	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerici	0.14%	33%	—	—	—	—

TUBERCULOSIS ONLY

Whole carcasses condemned

Carcasses of which some part or Organ was condemned

Percentage of the number inspected affected with tuberculosis

CYSTICERCOSIS

Carcasses of which some part or Organ was condemned

Carcasses submitted to treatment by refrigeration

Generalised and totally condemned

KINGSWOOD URBAN DISTRICT COUNCIL.

HOUSING

1. Number of dwellings demolished under Clearance Orders and Demolition Orders	...	...	...	...	...	42
2. Number of dwellings condemned under Clearance Orders or Demolition Orders void and awaiting demolition by owners	...	...	...	...	...	32
3. Number of dwellings condemned under Clearance Orders or Demolition Orders or closed but still occupied	...	...	...	...	...	20
4. Number of dwellings rendered fit for human habitation as a result of voluntary or informal action	...	...	...	...	...	70
5. Number of dwellings in respect of which action is in progress at some stage of the technical procedure necessary either to secure demolition or made fit	...	...	...	...	...	73
6. Number of dwellings in respect of which action has not yet been commenced	...	...	...	...	...	41

SUMMARY

Action complete	...	...	...	...	...	222
Action in progress	...	...	...	...	...	102
No action formulated	...	...	...	...	...	41
						365

HOUSES DEMOLISHED AND PERSONS RE-HOUSED IN 1962.

	Houses Demolished	DISPLACEMENT Families	Persons
Clearance Areas	... 25	16	6
Individual unfits	... 17	41	18

HOUSES MADE FIT AND DEFECTS REMEDIED.

After informal action	...	...	...	...	10
After formal action	...	...	...	...	3
(a) Public Health Act 1936	...	...	...	...	13
(b) Housing Act 1957 (Grants)	...	...	...	...	53

IMPROVEMENT GRANTS

Discretionary and Standard Grants totalling £4,340.15s.8d. were paid during the year.

Applications received	...	...	...	...	68
Applications approved	...	...	...	...	73
Applications withdrawn or ineligible	...	...	...	...	22
Number of grants paid	...	...	...	...	53

CARAVANS

Three sites were licensed during the year and several individual caravans are occupied where licences are not required. Negotiations have continued for the development of a site owned and managed by the district authority.

REFUSE DISPOSAL

Owing to difficulties, which it is hoped the pulverisation scheme of the three neighbouring authorities will solve in the near future, Kingswood Urban District continue to accept, during the year, refuse from Mangotsfield Urban District at the Tenniscourt Road tipping site.

The number of premises from which refuse is collected is 8,500 per week.

KINGSWOOD URBAN DISTRICT COUNCIL.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

	Local Authority (1)	Dwelling- houses including Council Houses (2)	All other including Business Premises (3)	Total of Cols. 1, 2 & 3. (4)	Agricultural (5)
Number of properties in Local Authority's District	22	8274	973	9270	Included in column (3)
Number of properties inspected as a result of :-					
(a) Notification	—	154	43	197	"
(b) Survey under the Act	16	36	2	54	"
(c) Otherwise (e.g. when visited primarily for some other purpose)	—	—	—	—	"
Total inspections carried out, including re-inspections	16	190	45	251	"
Number of properties inspected which were found to be infested by :					
(a) Rats—Minor	13	152	22	187	"
(b) Mice—Minor	3	38	23	64	"
Number of infested properties treated by the Local Authority	16	190	45	251	"
Total treatments carried out, including re-treatments	16	190	45	251	"

PUBLIC HEALTH INSPECTOR'S VISITS, ETC.

Accumulation	...	...	...	...	...	13
Clean Air Act	...	...	...	...	...	14
Cleansing and Salvage	...	...	...	...	...	242
Drainage — houses	...	...	...	...	...	86
Drainage — other	...	...	...	...	...	18
Factories	...	...	...	...	...	22
Food premises	...	...	...	...	...	147
Houses, dirty or verminous	...	...	...	...	...	8
Houses (Public Health Act)	...	...	...	...	...	154
Housing Inspection	...	...	...	...	...	149
Housing Applications (Investigation and report transfers and sublets)	...	...	...	...	...	602
Ice-cream premises	...	...	...	...	...	5
Laboratory visits	...	...	...	...	...	45
Noise nuisance	...	...	...	...	...	17
Other premises (Public Health Act)	...	...	...	...	...	1
Petroleum	...	...	...	...	...	66
Rats and Mice	...	...	...	...	...	7
Shops	...	...	...	...	...	2
Slaughterhouses	...	...	...	...	...	150
Standard Grants	...	...	...	...	...	358
Van dwellings	..	...	...	...	...	35
Water supply	...	...	...	...	...	9
Miscellaneous	...	...	...	...	...	400
Conveniences and Mortuary	...	...	...	...	...	18
Infectious Disease visits	...	...	...	...	...	28
Interviews	...	...	...	...	...	44
Meetings, Council, etc.	...	...	...	...	...	75
Meat Inspections	...	...	...	...	...	147
Bullocks	...	...	...	...	...	301
Heifers	...	...	...	...	...	179
Cows	...	...	...	...	...	6
Sheep	...	...	...	...	...	835
Small Dwellings Acquisition Act	...	...	...	...	...	9

MANGOTSFIELD URBAN DISTRICT COUNCIL

DRAINAGE AND SEWERAGE

FOUL SEWERAGE.

This is generally satisfactory; no extensions are at present contemplated apart from minor schemes in connection with Council housing estates.

SURFACE WATER DRAINAGE.

Further to comments made in last year's report, Consulting Engineers have been appointed, and have submitted their preliminary report; they have taken trial holes, and anticipate going to tender in the very near future. It is expected that the total cost of the work will be in the order of £75,000 and it is hoped that a start will be made before the end of the current financial year.

SEWAGE DISPOSAL

It was hoped that the Moorend Sewage Works would be closed by the Autumn of this year. but we have now been informed by the Consulting Engineers for the Frome Valley Main Drainage Scheme that, so much time having been lost owing to bad weather conditions, the Works will not close until about the Spring of next year.

FOOD INSPECTION

PREMISES REGISTERED UNDER SECTION 16 OF THE FOOD AND DRUGS ACT 1955.

Sale of Ice-cream	...	...	...	...	46
Manufacture of Ice-cream	...	...	...	...	1
Fish Friers	...	...	...	...	5
Cooked Meat Products	...	...	...	...	11

Numerous visits were made to all Food Premises during the course of the year and conditions were found to be satisfactory in all cases. Three samples of Ice-cream were taken during the year and found to be satisfactory.

TINNED FOOD CONDEMNED DURING 1962.

	Number of Tins		Total Weight
Ham	...	2	12 lb.
Corned Beef	...	23	138 lb.
Jellied Veal	...	1	6 lb.
Tongue	...	1	8 oz.
Evaporated Milk	...	7	3½ pints
Tinned Fruit	...	53	67 lb.
Tinned Vegetables	...	20	30 lb.
Luncheon Meat	...	17	26 lb. 8 oz.

All tinned food is disposed of by dumping on the refuse tip

MANGOTSFIELD URBAN DISTRICT COUNCIL.

CARCASSES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	780	244	1735	3256	8420	—
Number inspected	780	244	1735	3256	8420	—
ALL DISEASES						
EXCEPT TUBERCULOSIS AND CYSTICERCI						
Whole carcasses condemned	—	2	1	1	20	—
Carcasses of which some part or Organ was condemned	12	24	—	1	16	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	1.53 %	10.65 %	.057 %	.061 %	.42 %	—
TUBERCULOSIS ONLY						
Whole carcasses condemned	—	—	—	—	—	—
Carcasses of which some part or Organ was condemned	—	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis	—	—	—	—	—	—
CYSTICERCOSIS						
Carcasses of which some part or Organ was condemned	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

HOUSING

SLUM CLEARANCE.

Ten houses were subject to demolition or closing order procedure during the year.

The Haynes Lane, Nelson Road, Berkeley Road area, Staple Hill was recommended for redevelopment procedure four years ago, and the Council requested the Planning Authority to prepare a redevelopment scheme. By the end of 1962 it seemed likely that the District Council will proceed under clearance area powers of the Housing Act 1957 in accordance with this scheme.

So far as the remainder of the district is concerned the Slum Clearance Programme is virtually complete.

OVERCROWDING.

No cases of over-crowding were detected during the year.

NEW HOUSES.

Twenty aged persons flats, with communal room, laundry and warden's residence were constructed during the year by the district authority and 40 dwellings by private developers.

IMPROVEMENT GRANTS.

Twenty-one applications for Discretionary Improvement Grants were approved during the year, the total amount of grant being £3,877.0s.3d.

HOUSE PURCHASE AND HOUSING ACT, 1959.

Thirty-eight applications for Standard Improvement Grants, mainly to provide hot water facilities, were approved during the year, the total amount of grant allowed being £1,976.12s.3d.

In May, 1962, the Ministry published a new set of Practice Notes for both Discretionary and Standard Improvement Grants, and in August issued Circular 42/62 requesting Local Authorities to make an all-out effort to secure the improvement of houses. At the close of the year the Ministry was advised that the grant scheme had been publicised considerably in the Mangotsfield Urban District area and the Public Health Inspector had given two public lectures to owners and tenants in order to stimulate further interest, but the response was poor.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT, 1960

The two permanent Caravan Sites in the district were visited during the year and in all respects were found to be maintained in a satisfactory condition, having previously been brought up to the standards required under the above Act.

REFUSE DISPOSAL

A joint committee has been set up by Mangotsfield, Kingswood and Warmley Councils to investigate the possibility of disposal by Pulverisation. The necessary Town Planning approval for the use of the land has been obtained and the Committee is shortly to send representatives to see a similar plant in Scotland before making its final recommendations. The refuse vehicle fleet remains the same as last year.

SWIMMING BATHS

The Soundwell Bath which was opened on the 9th September 1961 proved to be more popular than ever during the year. Bacteriological and Chemical samples of the water were taken at regular intervals and the reports were satisfactory. Daily checks for free chlorine condition are taken by the staff so as to ensure that correct dosage and p.H. values are maintained

MANGOTSFIELD URBAN DISTRICT COUNCIL.

RODENT CONTROL

PREVENTION OF DAMAGE BY PESTS ACT, 1949

	Local Authority (1)	Dwelling- houses including Council Houses (2)	All other including Business Premises (3)	Total of Cols. 1, 2 & 3. (4)	Agricultural (5)
Number of properties in Local Authority's District	8	7540	274	7822	2
Number of properties inspected as a result of :-					
(a) Notification	—	190	26	216	—
(b) Survey under the Act	—	—	—	—	—
(c) Otherwise (e.g. when visited primarily for some other purpose)	—	—	—	—	—
Total inspections carried out, including re-inspections	9	923	202	1134	—
Number of properties inspected which were found to be infested by:					
(a) Rats—Minor	3	89	25	77	—
(b) Mice—Minor	3	49	10	32	—
Number of infested properties treated by the Local Authority	6	138	35	109	—
Total treatments carried out, including re-treatments	14	246	75	335	—

Sewer and drain surveys of whole area, i.e. manholes inspected = 9911.

MANGOTSFIELD URBAN DISTRICT COUNCIL.

SUMMARY OF PUBLIC HEALTH INSPECTOR'S VISITS, ETC.

Accumulations	...	...	...	...	2
Animals kept	...	...	...	...	2
Bakehouses	...	...	...	...	6
Dairies	...	...	...	...	4
Drainage — houses	...	...	...	...	48
Drainage — other	...	...	...	...	16
Factories	...	...	...	...	12
Food Premises	...	...	...	...	242
Houses — dirty or verminous	...	...	...	...	1
Houses — Public Health Act	...	...	...	...	161
Housing Inspections	...	...	...	...	140
Ice-Cream Premises	...	...	...	...	6
Piggeries	...	...	...	...	1
Rats and Mice	...	...	...	...	10
Shops	...	...	...	...	50
Slaughterhouses	...	...	...	...	916
Sewers	...	...	...	...	27
Water Supply	...	...	...	...	8
Fumigation Infectious Diseases	...	...	...	...	2
Infectious Disease visits	...	...	...	...	30
Interviews	...	...	...	...	510
Meetings, Council etc.	...	...	...	...	45
Miscellaneous	...	...	...	...	340
Improvement Grants	...	...	...	...	620
Water Samples	..	...	...	...	16
Swimming Baths	...	...	...	...	24
Milk Samples	..	...	...	...	3
Lectures and Talks	...	...	...	...	6

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